



U.S. DEPARTMENT OF
ENERGY

Nuclear Energy

**FY 2015 Scientific Infrastructure Support
for CINR Funding Opportunity Number
DE-FOA-0001130**



August 12, 2014



- **FOA Overview**
- **Reactor Upgrades and GSI**
- **Key Changes in the FY 2015 FOA**
- **Linking NE R&D with GSI Applications**
- **Review Process, Tools, and Submissions**



How to Ask Questions During This Webinar

- Submit questions using the GoToWebinar software by typing in the “Question” field.
- If your question does not get answered during the allotted time, questions will be answered later and posted on www.neup.gov.
- Specific questions on individual eligibility should be addressed offline.

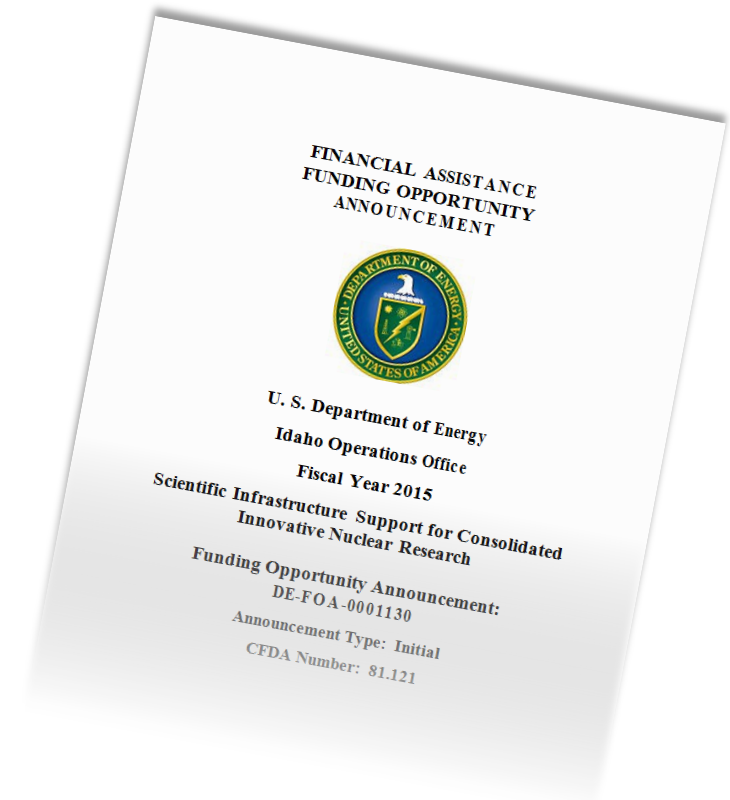
The screenshot shows the GoToWebinar application window. It has a menu bar with 'File', 'View', and 'Help'. Below the menu is a toolbar with icons for chat, audio, and help. The main area is divided into two sections: 'Audio' and 'Questions'. The 'Audio' section shows options for 'Telephone' (selected) and 'Mic & Speakers'. It displays the dial number '+1 (914) 339-0028', the access code '447-387-344', and the audio PIN '12'. A red banner below this text says 'If you're already on the call, press #12# now.' and a link 'Problem dialing in?'. The 'Questions' section has a text input field, which is currently blacked out with a red border. A red arrow points from the third bullet point in the list to this blacked-out field. Below the input field is a 'Send' button. At the bottom of the window, it says 'Webinar Now' and 'Webinar ID: 290-531-073', followed by the 'GoToWebinar' logo.



Consolidated FOA

Objective: To promote efficiency and the effective use of resources

- Presents all anticipated DOE-NE funding opportunities at once
- Allows integration of deadlines to enable better planning
- Presents opportunities to request funding from multiple program elements to maximize research dollars





■ Funding Mechanism

- Universities – Grants issued out of DOE-ID
- National laboratories – Work Authorizations managed by DOE-ID

■ Funding Opportunities

- Reactor Upgrades section combines Major and Minor Reactor Upgrade categories
- General Scientific Infrastructure open to universities and national laboratories

■ Find FOA (DE-FOA-0001130) at <http://www.grants.gov>

■ Apply through <http://www.neup.gov>



Important Dates

- **FOA release date:** August 18, 2014
- **Applications due:** February 2, 2015





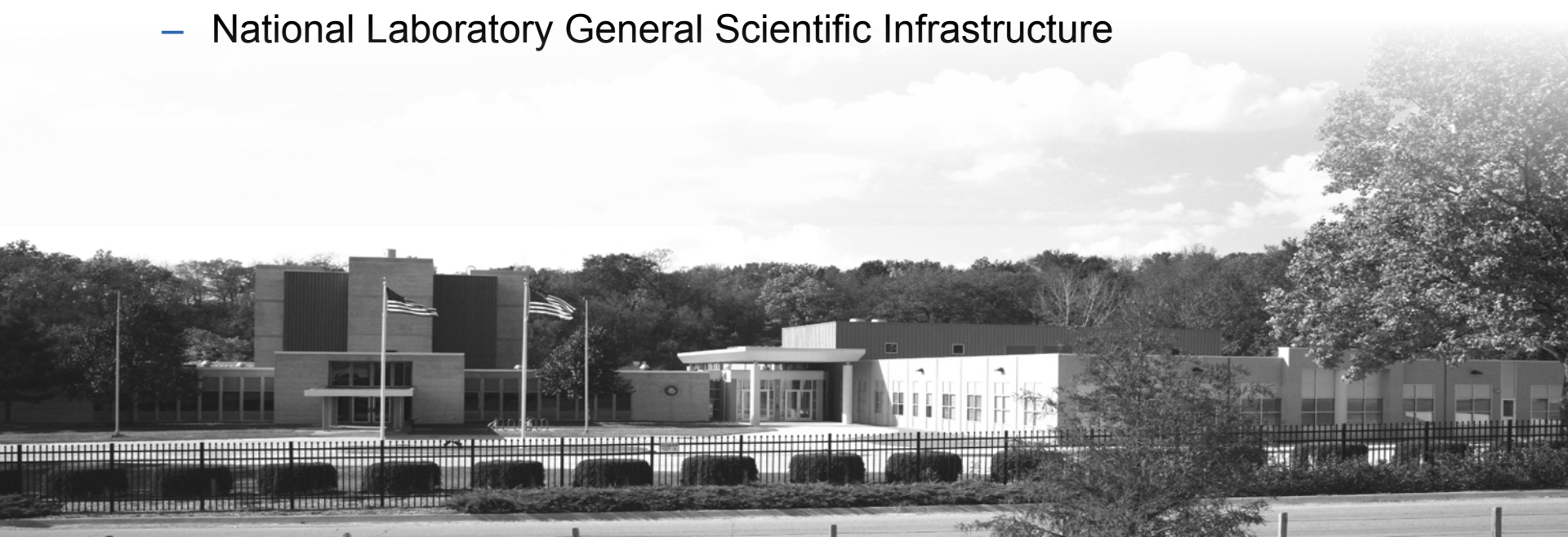
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FOA Organization

- **Area 1 – University Reactor Upgrades Infrastructure Support**
 - Combines Major and Minor Reactor Upgrades

- **Area 2 – General Scientific Infrastructure Support for Universities and National Laboratories**
 - University General Scientific Infrastructure
 - National Laboratory General Scientific Infrastructure





Changes and Updates for FY 2015

- **National laboratories will have one, combined GSI section for all NEET-CTD areas.**
- **National laboratories may submit a single application to the GSI section of this FOA without linking to an R&D (NEET) application. Multiple applications may be submitted IF linked to an R&D application.**
 - This change equalizes the GSI submittal eligibility between academic institutions and national laboratories
- **Academic institutions may be ineligible if they have a no-cost time extension for an existing infrastructure project (Reactor Upgrade or General Scientific Infrastructure Support). Eligibility to submit is reviewed on a case-by-case basis.**



Policy Reminders

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- **Institution may submit multiple applications. All applications—with the exception of one—must be linked to a CINR R&D application.**
- **DOE fueled education research reactors are the only reactors eligible for University Reactor Upgrades.**
- **Institutions are responsible for not exceeding the submission limit.**
- **Universities have a 1:1 cost match requirement in GSI above \$250,000.**
- **National laboratories can compete in the GSI NEET-CTD section.**



University Reactor Upgrades

■ Award Size

- Maximum individual award: \$3,000,000
- Expected award range:
\$250,000-\$1,500,000 total
- DOE anticipated to award some smaller awards

■ Period of Performance

- 1 year

■ Eligibility

- Only educational reactors fueled by DOE

■ Estimated Funding Level

- Approximately \$3 million





General Scientific Infrastructure

■ Award Size

- Maximum DOE funding per individual award: \$2,000,000

■ Estimated Award Size

- \$250,000

■ Eligibility

- Universities and national laboratories are both eligible to submit applications
- One application per institution can be submitted without the need to link that application to a CINR R&D application
- Multiple applications can be submitted by an institution if those additional applications are linked to a CINR R&D application
- University cost match (1:1) required after \$250,000



General Scientific Infrastructure (Cont.)

■ Eligibility (Cont.)

- National laboratories may link R&D (NEET) and GSI applications

■ Estimated Funding Level

- Approximately \$2 million for university GSI
- Approximately \$1.5 million national laboratory NEET-CTD.



Cost Sharing and Cost Matching

■ Cost Share

- Cost sharing is encouraged; but is not required in any part of this FOA

■ Cost Match

- Cost match is required on university GSI projects that exceed \$250,000
- Dollar for dollar matching requirement, up to the project ceiling of \$2,000,000 (e.g. \$300,000 application would require a \$50,000 university cost match, making the project total \$350,000)
- Anticipated award range will be around \$250,000



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Linking NE R&D with GSI Applications



Linking an Application Between R&D and GSI

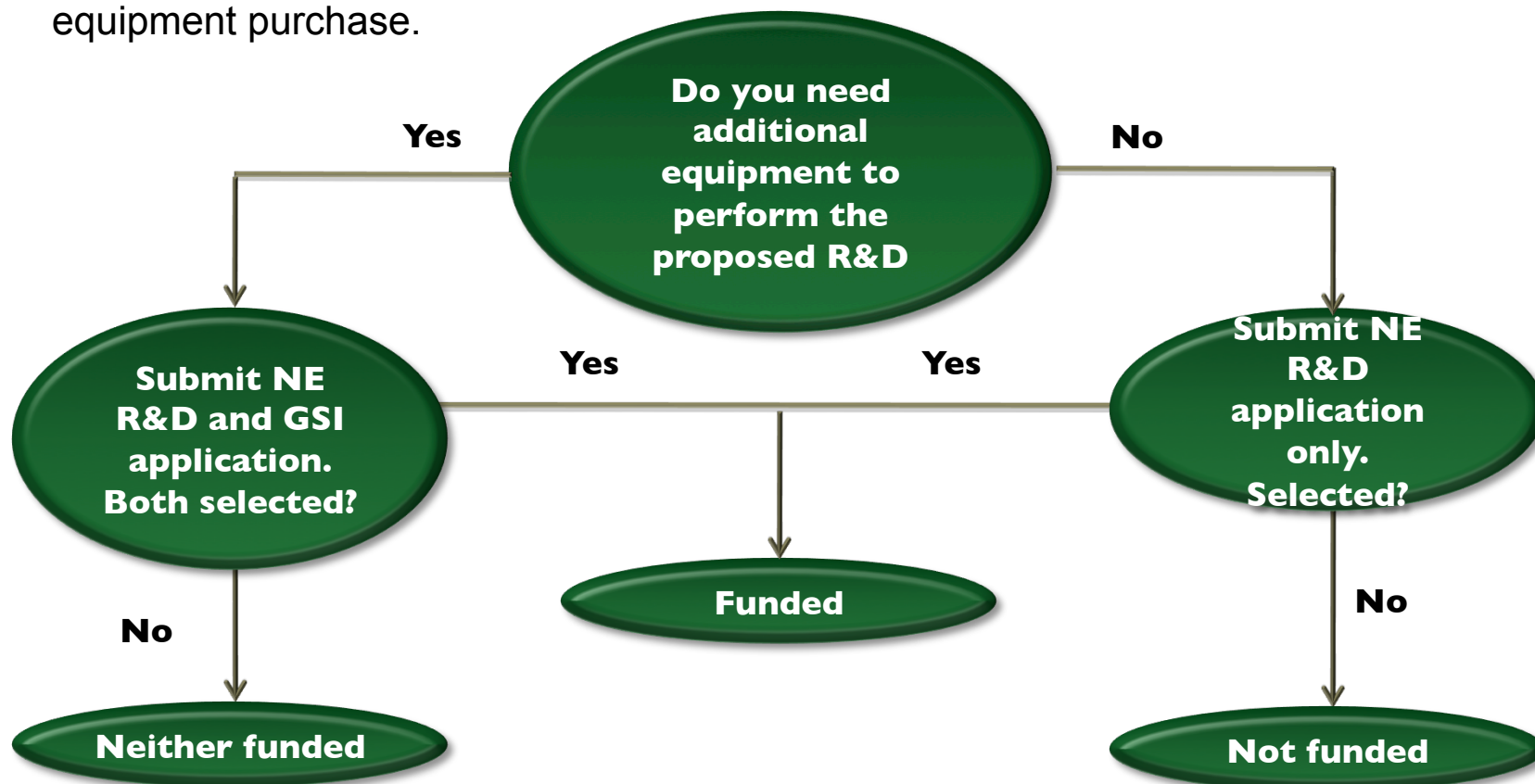
- **DOE-NE supports research and development (R&D) as part of a separate FOA (DE-FOA-0001129)**
 - This FOA seeks applications from U.S. universities, national laboratories, and industry for R&D
- **Linkage facilitates:**
 - Enabling and maintaining DOE mission focus on the purchase of equipment with GSI funds
 - The ability of researchers to coordinate and enhance their research applications with scientific equipment/capability purchase requests made in response to the GSI FOA





NE R&D/GSI Linkage

Premise: Equipment purchased as a result of the GSI FOA will be better tied to NE mission. Additionally, this will allow a maximization of NE R&D expenditures in non-equipment purchase.





NE R&D and GSI Applications

- **NE R&D program has a joint solicitation and review process with the GSI program element**
 - Success will be predicated on positive review by both programs
 - Need for GSI funded equipment must be immediate and directly tied to tasks in the linked R&D application

I am submitting this application to:

☐ **NE R&D Only**

☐ **NE R&D and GSI**



Review Process, Tools and Submissions



Reactor Upgrades Review Processes and Criteria

■ Review criteria and processes

- Each application will receive a review by at least 2 federal and 3 peer reviewers
- Review Criteria
 - **Impact** – (40%) *Potential of the requested equipment, instrumentation or modification to:*
 - Enhance the safety, performance, control or operational capability of reactor systems, or
 - Increase the quality, safety/security, or efficiency of the operation of the reactor facility, or
 - Improve or expand the research, teaching and training capabilities of the reactor facility.
 - **Use** – (30%) *As a result of the proposed equipment, the amount of student, faculty, or researcher usage of the capabilities, and the amount and variety of research and/or services actually provided by the facility;*
 - **Project Implementation** – (30%) *Capability to implement the full scope of the project including timely project completion, personnel qualifications, budget, and feasibility.*
- Additional review information is available in Part V of the FOA



University GSI Review Processes and Criteria

■ Review criteria and processes

- Each application will receive a review by at least 2 federal and 3 peer reviewers
- Review Criteria
 - **Impact** - (40%) *Potential of the requested equipment, instrumentation or modification to facilitate, improve or expand the research (especially ongoing Office of Nuclear Energy research or those proposed in FY 2015 in response to the CINR FOA DE-FOA-0001129) and training capabilities;*
 - **Use** – (30%) *As a result of the proposed equipment, the amount of student, faculty, or researcher usage of the capabilities, and the amount and variety of research and/or services actually provided by the facility;*
 - **Project Implementation** – (30%) *Capability to implement the full scope of the project including timely project completion, personnel qualifications, budget, and feasibility.*
- Additional review information is available in Part V of the FOA



National Laboratory GSI Review Processes and Criteria

■ Review criteria and processes

- Each application will receive a review by at least 2 federal and 3 peer reviewers
- Review Criteria
 - **Impact** - (40%) *Potential of the requested equipment, instrumentation or modification to facilitate, improve or crosscutting Office of Nuclear Energy research;*
 - **Use** – (30%) *As a result of the proposed equipment, the amount and variety of research and personnel usage, and/or services actually provided by the new facility/capability;*
 - **Project Implementation** – (30%) *Capability to implement the full scope of the project including timely project completion, personnel qualifications, budget, and feasibility.*
- Additional review information is available in Part V of the FOA



Contact Information

■ Questions can be submitted to:

- neup@inl.gov
- The Q&A section on www.neup.gov

■ DOE-ID – Procurement Questions

- Aaron Gravelle
- gravelap@id.doe.gov

■ NEUP Application Site

- neup@inl.gov
- 208-526-1602

